



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

CONSTRUCTION DIVISION
SUITE 700, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 741-2414

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

January 7, 2019

Re: ADDENDUM #2
Contract No. CMGC03
County: Hamilton

To Whom It May Concern:

This addendum revises the RFQ, attached is the revised sheets.

It is the bidder's responsibility to notify all affected manufacturers, suppliers and subcontractors of this change.

Sincerely,

A handwritten signature in blue ink, reading "Lia Obaid", is positioned above the printed name.

Lia Obaid, P.E.
Construction Division



TENNESSEE DEPARTMENT OF TRANSPORTATION

Request for Proposals

Construction Manager/General Contractor (CM/GC) Services

Interstate I-24

Bridges over Germantown Road and Belvoir Avenue

Hamilton County, TENNESSEE

Project Identification Number (PIN): 124069.00

Federal Project Number: BR-I-24-3(97)

State Project Number: 33003-1166-44

CM/GC Contract Number: CMGC03

November 30, 2018

Addendum #1

12-11-18

Addendum #2

1-7-19

- Participate in risk assessment and mitigation workshops at agreed upon milestones;
- Provide up to three progressively refined Opinion of Probable Construction Cost estimates (OPCC) at designated design milestones;
- Provide continuing informal input on constructability, value engineering, and cost as requested;
- Provide open-book examination of cost model by TDOT, the program manager, and the Design Consultant;
- Prepare Guaranteed Maximum Price (GMP) Proposals to TDOT with appropriate backup documentation for all construction, early work, and procurement Plans, Specifications, and Estimates (PS&E) packages; and
- Develop, propose, and track innovations for project construction.

If the Contractor is awarded a construction contract, the Contractor's role will be to construct the project within the GMP and propose solutions that will help achieve the goal of staying within the budget. If the project cannot be delivered within the allocated budget, TDOT retains the option to cancel the project, reduce the scope, or deliver the project by other means.

Early procurement or construction work may be considered for acquisition of long lead items or to complete early construction tasks. Early utility or construction work may be considered with the understanding that early phases are not a guarantee of selection for final construction. Early phases must be independent and severable from the final construction package, with a well-defined end point. Final construction activities will not begin until a GMP has been accepted for a substantially complete PS&E package.

1.2. SCOPE OF THIS RFP FOR CM/GC SERVICES SELECTION

This RFP is a one-phase procurement that includes a Statement of Interest/Proposal. At the interview, ~~Proposers will be required to submit a CM/GC Management Price Proposal.~~ TDOT is soliciting written Statements of Interest and Proposals from pre-qualified general contractors to provide CM/GC Services for the replacement of one structurally deficient bridge on Belvoir Avenue over Interstate 24 in Hamilton County, Tennessee. The Interstate 24 Bridge over South Germantown Road is in fair condition and will be replaced to meet current roadway standards. On Interstate 24, the work will begin at approximately LM 11.96 and end near LM 12.15. The work includes but is not limited to design (includes meeting current code requirements for seismic event) and construction utilizing Accelerated Bridge Construction (ABC) techniques to construct a new bridge for Interstate 24 over South Germantown Road. The Belvoir Avenue Bridge over Interstate 24 will also be designed and built utilizing Traditional Construction methods. ABC techniques will be utilized on the Interstate 24 Bridge over South Germantown Road to minimize impact to vehicular traffic.

The project will include completion of the planned widening of the eastbound and westbound portions of Interstate 24 over South Germantown Road and widening of the eastbound exit ramp from Interstate 24 to South Germantown Road. The Interstate 24 widening will include addition of approximately 1000' of shoulder in the eastbound and westbound direction. The proposed ramp is approximately 600' long and will taper from 1 lane to 2. The project will also include completion of the planned narrowing of the Belvoir

Note: TDOT will be primarily responsible for the public involvement and public relations. The Contractor will provide support for the public involvement and public relations effort.

A. Project information and Definition

Project Location: Westbound I-24 Bridge over South Germantown Road; LM 12.08; Eastbound I-24 Bridge over South Germantown Road; LM 0.90; Belvoir Avenue Bridge over I-24; LM 1.02.

Project Limits: I-24 improvement from LM 11.96 to LM 12.15 and LM 12.54 to LM 12.62. Including Belvoir Avenue from 0.98 to 1.06 and South Germantown Road from 0.85 to 0.94.

Work: Traffic, Survey, Roadway, Bridges, Utilities, ITS and Materials.

Current Level of Design: Conceptual design discussions are underway. The department has completed the 3D field survey. Preliminary design of structures, asphalt pavement, and maintenance of traffic is being held at preliminary level.

Project Schedule: The estimated schedule for this project includes a pre-construction phase that is anticipated to be ~~completed~~ started in April 2019 and a construction phase that is estimated to be completed by October 31, 2020.

The project includes but is not limited to, design and construction of the superstructure replacement, for the existing bridges on I-24 over South Germantown Road and Belvoir Avenue over I-24, as well as design and construction of the existing substructure retrofits, widening, and possible footing improvements for both bridges.

The project will utilize Accelerate Bridge Construction techniques.

Owner Furnished Materials: TDOT will provide all necessary survey and site investigations during the design phase. However, the Contractor shall be required to provide its own independent survey for construction.

Existing Operations Critical to Project: Minimizing the maintenance of traffic (MOT) impact to the public during construction by using weekend closures.

Restrictions and Constraints: Interstate 24 complete closure on weekends only and must be operational during the work week.

Traffic Lane Closure Information: Additional lane closures and other MOT requirements will be developed through the CM/GC design process.

Existing Utilities: Existing utilities will include, but are not limited to overhead electrical lines and underground ITS, AT&T, Comcast, gas lines, water lines and electric (for roadway lighting) conduits. The contractor must consider the utility affects and advance required notices when looking at different construction methods. There is also bridge lighting conduits in bridge parapets and underground between the bridges that will require relocation. There are other underground and overhead utilities close to both bridge sites. The CMGC process will consider different construction methods that may require additional utility adjustments.

1.8. LIMIT OF CONSTRUCTION COST

The Fixed Range Limit of Construction Cost is the total project budget allocated for the construction phase of the project. This includes the profit and overhead, the actual cost of construction, mobilization, force accounts, and all costs that are associated with the construction of all elements of the work designed or specified by the Design Consultant.

The Construction Cost for this project is preliminarily estimated \$ 25 million, and the Limit shall not exceed \$ 25 million.

1.9. PROJECT CONSTRUCTION SCHEDULE

The project includes the following goals:

- 1. Advance the knowledge, experience and cost efficiency of TDOT and the local construction industry in Accelerated Bridge Construction (ABC) and CM/GC project delivery.**
- 2. Accelerate delivery of the construction schedule and obtain final project acceptance no later than October 31, 2020.**
- 3. Minimize inconvenience to the traveling public, and maximize safety of workers and the traveling public.**

In consideration of the project goals, there is a strong desire to use advanced ABC technology to construct the project in a manner that minimizes the impact of the construction schedule to the traveling public and construct a new bridge for Interstate 24 over South Germantown Road, and specifically to install the bridge within a ~~60~~ 56-hour (or less) closure time on I-24. On that basis, the ABC superstructure "roll-in" or "slide-in" (or other advanced ABC techniques that minimize the exposure of construction to I-24 traffic) shall be considered for the project. I-24 complete road closures shall be restricted to weekends only, excluding holidays or holiday weekends. The contractor shall be allowed up to ~~Four (4)~~ Three (3) weekends or less of I-24 complete interstate closures (both directions) for all bridges and roadway work. A weekend is defined as between Friday at 9:00 PM through Monday at 5:00 AM. Local roads closures will need to be phased to maintain a point of east-west access at all times. Weekday closures of local roads may be permitted based on coordination with City of Chattanooga.

Accelerated construction techniques that minimize construction schedule impacts, and the exposure of construction to the traveling public on I-24, Belvoir Avenue, and Germantown road shall be considered for the project.

1.10. REFERENCE ITEMS REQUIRED BY THE CONTRACTOR

The standards, data, and reports in Appendix F are Contract Documents. These standards apply unless otherwise defined in the Plans, Specifications, and Estimate Packages. The Contractor shall obtain and utilize the most recent adopted references, including TDOT standards and specifications, manuals and software, or as directed by the TDOT/PM.

1.11. PROJECT DEFINITIONS

2.3. KEY EVENTS SCHEDULE

Public Notice Phase	Date
Advertisement of RFP	November 30, 2018
Mandatory Pre-Proposal Meeting	December 18, 2018
Last Submission of Questions/Requested Clarifications	January 7, 2019
Final RFP Addendum Deadline	January 18, 2019

Selection Phase	Date
Submittal of Statement of Interest (SOI)/Proposal	January 25, 2019
Due Date and Time	2:00 PM (C.T.)
Selection Panel Meetings (Interviews)	TBD February 4-6, 2019
Contractor Notification of Selection	February 22, 2019
Contract Approval/Execution	March 22, 2019

2.4. MANDATORY PRE-PROPOSAL MEETING

The mandatory Pre-Proposal meeting will be held on December 18, 2018, at TDOT Region 2 Auditorium, 7512 Volkswagen Drive, Chattanooga, TN 37416, at 1:00 pm (E.T.). This meeting will introduce all contractors to the CM/GC contract delivery method, give an overall introduction to the project as scoped, and enable TDOT to answer questions about the project and process. The TDOT Project Management team for the project will be present. This meeting will be approximately 2 hours long. Failure of a contractor to attend any such meetings will result in elimination of that contractor, and any Proposal submitted by the contractor will be rejected. The Department will respond, orally or in writing, to contractors' questions, if any, raised at the meetings. In the event the Department determines that formal answers or change of the RFP,

clarifications or Addenda in accordance with the terms of this RFP.

2.5. QUESTIONS AND CHANGES TO THE RFP

- A. TDOT reserves the right to make changes to the RFP. Changes to the RFP generally consist of Clarifications, Scope Changes, or Time and/or Date Changes. All changes to the RFP prior to the receipt of proposals shall be made by an addendum to the RFP, which shall be made available to all Proposers on the TDOT webpage. Following receipt of proposals, any changes to the RFP will be conveyed in writing to those Proposers determined to have met the minimum qualifications.
- B. Proposers may submit questions, request clarification, or request a change to the RFP by submitting an e-mail or a written request on Form D (available on the project website) to the address set forth above. The request shall specify the provision and section of the RFP in question, and, if a change is requested, contain an explanation for the requested change. TDOT will not respond to questions or change requests received later than January 7, 2019, as per Section 2.3.
- C. TDOT will evaluate any questions or requests submitted, but reserve the right to determine whether to respond or accept the requested change.
- D. Proposers shall not rely on oral or written instructions regarding this RFP, unless issued in writing as an addendum by TDOT.
- E. Proposers must acknowledge all issued addenda in their submittal and proposal.

2.6. STATEMENTS OF INTEREST (SOI)/PROPOSAL SUBMITTAL – STEP 1

Respondent must comply with the following items, A through H. TDOT retains the right to waive any minor irregularity or requirement should it be judged to be in the best interest of TDOT.
(Note that the primary focus of the evaluation will be the Proposer's capabilities).

- A. Deliver **eight (8)** hard copies along with **one (1)** electronic copy PDF file on a CD or flash drive of the SOI/Proposal to the Tennessee Department of Transportation Contract Office, Lia Obaid, Suite 700, James K. Polk Building, 505 Deaderick Street Nashville, TN 37243 Phone: (615) 532-7522
- B. **Statement of Interest (SOI)/Proposal Format:**
 - 1. Submittals shall be formatted and tabbed in the exact form and sequence of the Evaluation Form, Appendix D.
 - 2. All narratives shall use minimum font size of 11 point Times New Roman. Limited use of smaller font sizes for charts, diagrams, graphs, and tables are allowed.
 - 3. Cover or Introductory Letter (2-page limit - 8-1/2" x 11" paper)
 - 4. Proposal Section (20-page limit, 8-1/2" x 11" paper)
 - 5. An Optional Section (5-page limit – 8-1/2" x 11" paper, and up to 3 of the 5 pages may be on 11" x 17" paper)
 - 6. The Commendation Section for awards or letters of recommendations from past clients (5 page limit – 8-1/2" x 11" paper) (optional)
 - 7. Appendix Section (no page limit, but see H, I and J.)